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**BY EXPRESS MAIL ON**  
**MARCH 19, 2004**  
**(ER 984 062 182 US)**

MS PATENT APPLICATION  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RECORD OF TRANSMITTAL**

INVENTORS: (1) Koichi MORIYA  
(2) Toru OZAKI  
(3) Ryuji IIJIMA

TITLE: DETECTOR FOR DETECTING DETERIORATION OF  
SENSOR DEVICE, DETERIORATION DETECTING METHOD,  
AND DETERIORATION DETECTING SYSTEM

DOCKET NO: S004-5247

S I R:

Kindly find enclosed herewith for filing the documents  
checked below. Any fees or charges not covered by the  
accompanying check should be charged to our Deposit Account  
No. 01-0268.

**APPLICABLE ITEMS CHECKED:**

XX PATENT APPLICATION (pages 1-53 of specification, 52  
claims (pages 36-53), abstract of the  
disclosure (pg.54))

DESIGN APPLICATION (specification, claim, declaration and  
power of attorney and photograph(s))

XX FORMAL DRAWINGS (12 sheets) (NI A4)

INFORMAL DRAWINGS ( sheets)

RECORDATION FORM COVER SHEET and ASSIGNMENT  
(to be recorded and returned to the undersigned)

XX PRIORITY CLAIM - applicant(s) claim the benefit of  
priority of the following application(s):

Japanese Patent Appln. No. 2003-078273  
filed March 20, 2003

Japanese Patent Appln. No. 2004-062183  
filed March 5, 2004

XX PRIORITY DOCUMENT(s)

       Enclosed XX Not Enclosed

       VERIFIED STATEMENT TO ESTABLISH SMALL ENTITY STATUS

XX EXPRESS MAIL CERTIFICATION

       OTHER -

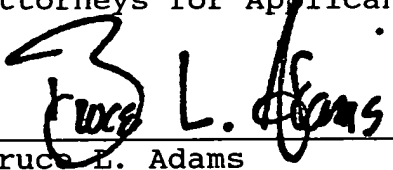
XX FEE

A check is enclosed for the following official fees:

	Large Entity	Small Entity
<u>XX</u> Basic Filing Fee	\$ 770.00	\$
<u>7</u> Independent Claims in Excess of 3	\$ 602.00	\$
<u>32</u> Total Claims in Excess of 20	\$ 576.00	\$
<u>      </u> Multiple Claim Fee	\$	\$
<u>      </u> Assignment Recordal Fee	\$	\$
TOTAL	\$1948.00	\$

Respectfully submitted,

ADAMS & WILKS  
Attorneys for Applicants

By:   
Bruce L. Adams  
Reg. No. 25,386

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Re: New patent application of Koichi MORIYA et al.

for DETECTOR FOR DETECTING DETERIORATION OF  
SENSOR DEVICE, DETERIORATION DETECTING METHOD,  
AND DETERIORATION DETECTING SYSTEM

comprising transmittal letter, title, specification (pgs.1-53),  
52 claims (pgs.36-53), abstract of the disclosure (pg.54), 12  
sheets of formal drawings containing thereon Figs. 1-12, express  
mail certification and check in the amount \$1948.00

Attorney's Docket No: S004-5247

**EXPRESS MAIL CERTIFICATION UNDER 37 CFR §1.10**

Express Mail Tracking Number: **ER 984 062 182 US**

Date of Deposit: **MARCH 19, 2004**

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Michael Ruas